

WHAT IS CLAIMED IS:

1. An optical pickup apparatus comprising:  
a plurality of optical components including a light-emitting element which emits working light for recording or reproducing information with respect to a recording medium;  
a housing for mounting therein the optical components; and  
a first wiring board which is electrically connected to the light-emitting element,  
wherein at least one of the optical components is made positionally adjustable,  
and wherein the first wiring board has an opening portion formed in an area thereof which is located in proximity to the positionally-adjustable optical component.
2. The optical pickup apparatus of claim 1,  
wherein, in the first wiring board, the opening portion is formed in an area facing toward part of the positionally-adjustable optical component that undergoes significant displacement at the time of positional adjustment to the optical component.
3. The optical pickup apparatus of claim 1,  
wherein a gap is created between the positionally-adjustable optical component and the housing arranged

adjacent to the optical component,

and wherein the first wiring board has an opening portion formed in an area thereof which faces toward the gap.

4. The optical pickup apparatus of claim 1, further comprising:

a pressing member for preventing the first wiring board from being displaced in a direction such as to move away from the optical component.

5. The optical pickup apparatus of claim 1, wherein the first wiring board is formed as a flexible wiring board.

6. The optical pickup apparatus of claim 1, wherein the positionally-adjustable optical component includes a light-emitting element which has a diffraction grating integrally formed therewith for making working light beams converge at a plurality of positions on a recording medium.

7. The optical pickup apparatus of claim 6, further comprising:

a rotatable holder for accommodating the optical

component,

wherein the optical component can be positionally adjusted by the rotation of the holder.

8. The optical pickup apparatus of claim 6, further comprising:

a second wiring board that is electrically connected to the first wiring board, is made rotatable, and has the optical component mounted thereon,

and wherein the optical component can be positionally adjusted by the rotation of the second wiring board.

9. The optical pickup apparatus of claim 1,

wherein the positionally-adjustable optical component includes a light-receiving element.

10. The optical pickup apparatus of claim 1,

wherein the positionally-adjustable optical component is a light emitting/receiving element constituted by combining together a light-emitting element and a light-receiving element.

11. The optical pickup apparatus of claim 5,

wherein the opening portion of the flexible wiring board is slit-shaped.

12. The optical pickup apparatus of claim 1,  
wherein the opening portion is formed as a notch  
extending over the outer edge of the first wiring board.

13. A method for adjusting an optical pickup apparatus  
composed of a plurality of optical components including a  
light-emitting element which emits working light for  
recording or reproducing information with respect to a  
recording medium; a housing for mounting therein the  
optical components; and a first wiring board which is  
electrically connected to the light-emitting element,  
comprising the steps of:

making at least one of the optical components  
positionally adjustable;

forming an opening portion in an area of the first  
wiring board which faces toward part of the optical  
component that undergoes significant displacement at the  
time of positional adjustment; and

adjusting the position of the positionally-adjustable  
optical component by means of an adjustment tool inserted  
externally through the opening portion.

14. A method for adjusting an optical pickup apparatus  
composed of a plurality of optical components including a

light-emitting element which emits working light for recording or reproducing information with respect to a recording medium; a housing for mounting therein the optical components; and a first wiring board which is electrically connected to the light-emitting element, comprising the steps of:

making at least one of the optical components positionally adjustable;

forming an opening portion in an area of the first wiring board which faces toward a gap created between the positionally-adjustable optical component and the housing arranged adjacent to the optical component; and

bonding the positionally-adjustable optical component to the housing by applying an adhesive through the opening portion.

15. A method for adjusting an optical pickup apparatus composed of a plurality of optical components including a light-emitting element which emits working light for recording or reproducing information with respect to a recording medium; a housing for mounting therein the optical components; and a first wiring board which is electrically connected to the light-emitting element, comprising the steps of:

making at least one of the optical components

positionally adjustable;

forming an opening portion in an area of the first wiring board which faces toward a gap created between the positionally-adjustable optical component and the housing arranged adjacent to the optical component;

adjusting the position of the positionally-adjustable optical component by means of an adjustment tool inserted externally through the opening portion; and

bonding the positionally-adjustable optical component to the housing by applying an adhesive through the opening portion.